KRAMER

Release Note

Product Name: MV-5, MV-5-MD

Current Version:

Ver.Type	Ver No.	Date
Firmware	2.19	April 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: April 2017

Reference: 11831

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
MV-5, MV-5-MD	Any	Yes	N/A

Technical Notes:

- Audio and video errors were fixed.

Codependency with Other Products and Software:

- There is no codependency with other products or software.

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Firmware	2.19	April 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: **April 2017**

Reference: **11831**

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
	Sporadic video and audio muting errors while HDCP content was not selected for active window
	Sporadic errors appearing as coarse pixels in any window image

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
2089	When DVI and SDI outputs are connected to MV-5(2), the SDI output displays nothing
2090	MV-5(2) - when HDCP in both outputs is on, connecting an SDI output turns HDCP off
2091	In MV-5(1) Information of HDCP mode is off
2134	Deep color picture from CPHD-3 is corrupted

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	None listed

Preceding Version: F – 2.17

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Release Note History

Product Name: MV-5

Current Version:

Ver.Type	Ver No.	Date
Firmware	2.17	September 2016
Software	−	−
Web	−	−
Hardware	−	−

RN Date: September 2016

Reference: 10593

The following changes were made in this version:

New Features:

- New features are described in the updated User Manual

	Description
	Saves image in local flash memory and recalls the stored image to any window or background
	Stored images can be transmitted to the PC application using RS-232 or Ethernet
	Unlimited image size pool in the PC application
	Any known graphics program can create a synthesized image and send it to the MV-5 as a background or window image

Modifications:

QC ID	Description
	Improved noise immunity for HDCP
	Improved Clean Switch parameters
	PC standard 1280x800 @60 replaces 1280x768 @85

Release Note History

Bugs Fixed:

QC ID	Description
	Hanging problem solved
	Timeout added to fix short disconnection when switching HDCP in Follow Input
2082	After windows size and place configuration was configured in the application, MV-5 turns on with a configuration that was defined via front panel buttons

Bugs to be Fixed in Future Version:

QC ID	Description
2089	When DVI and SDI outputs are connected to MV-5(2), the SDI output displays nothing
2090	When both outputs are connected and HDCP mode is on, when an SDI output connected, HDCP goes off
2091	Information HDCP mode is off
2132	In Deep Color, the picture from CPHD-3 is corrupted

Known Limitations (including compatibility limitations):

QC ID	Description

Preceding Version: S – 1.0.0.10

Release Note History

Product Name: MV-5

Current Version: S – 1.0.0.10

Version Date: April 2015

Reference: 8644

The following changes were made in this version:

Fixes:

- Labels are saved when the configuration loads.

Known Issues:

- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.

- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.

- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: F – 1.0.0.8

Release Note History

Product Name: MV-5

Preceding Version: F – 1.0.0.8

Version Date: July 2014

Reference: 7469

The following changes were made in this version:

Added Features:

- Disconnecting from the MV-5 is now indicated.

- A non-MV-5 device cannot be connected.

- Windows can be resized in any direction (left and top added).

- Windows can be positioned outside of visible area.

Fixes:

- Output resolution window resizing was fixed.

- The Layer section was fixed.

- The aspect ratio section was fixed.

- The setup-store option was fixed.

- All parameters that were not synchronized with the device were fixed.

- Firmware upload via the application was fixed.

- Validation was added when the user enters an IP/Mask/Getaway address.

- Web/GUI limiting of windows width/height was added.

Known Issues:

- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.

- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.

Release Note History

- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: NP - 1.0

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Release Note History

Product Name: MV-5

Current Version: NP – 1.0

Version Date: May 2014

Reference: 4400

This is a release note for a new product.

Known Issues:

- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.

- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.

- It is not possible to install the MV-5 PC application and the MV-6 PC application on the same system.

- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: N/A